

**WINDOW AVERAGE STATISTICS MODEL FOR POINTING STABILITY  
JITTER ANALYSIS**

**ABSTRACT OF THE DISCLOSURE**

5

[0033] A method of analysis to process jitter information by using a window average statistic model to determine a pointing accuracy. The pointing accuracy ultimately determines whether or not a mission can proceed. The process includes the following: collect a signal, process the signal to produce data, insert the data from the signal into a statistical model to produce statistics, compile the statistics using the statistics model to produce a probability density function, integrate the probability density function to produce a probability distribution function, determine a pointing accuracy from the probability distribution function.

10